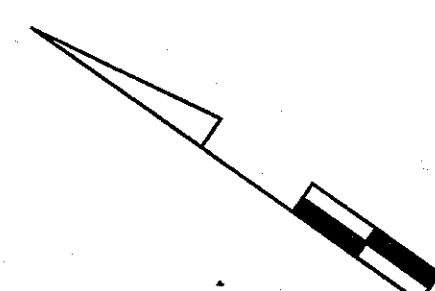


30ORDER REV: DATE: June 1, 2004



MD. 765 IS ASSUMED TO TRAVEL  
IN A NORTH-SOUTH DIRECTION.

## GENERAL NOTES

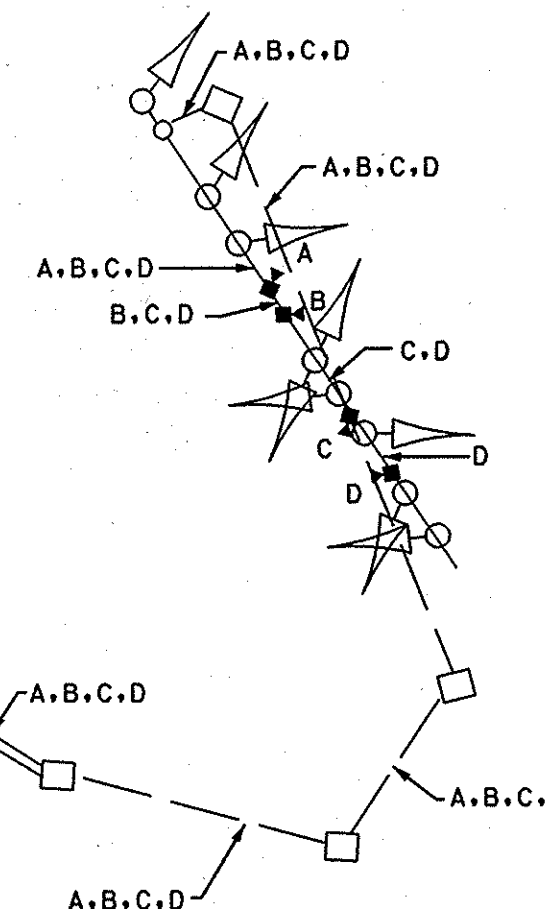
1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
4. THE INSTALLATION OF PROPOSED VIDEO DETECTION EQUIPMENT SHALL NECESSITATE THE REMOVAL OF EXISTING CABLES ASSOCIATED WITH THE PRESENCE LOOP DETECTORS BEING REPLACED BY VIDEO DETECTION.
5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.
6. ALL PAVEMENT MARKINGS DTAILED ARE PROPOSED AND ARE TO BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.

## PROJECT DESCRIPTION

## I. GENERAL

This project involves the modification of an existing Traffic Control Signal at the intersection of MD 7650 (HG Trueman Rd) and MD 497 (Cove Pt Rd) in Calvert County. The existing loop detection shall be replaced by video detector cameras.

WIRING DIAGRAM



## WIRING KE

VIDEO CONTROL CABLE, 500'

ES- EXISTING UNDERGROUND SERVICE  
TO BE MAINTAINED BY SMECO

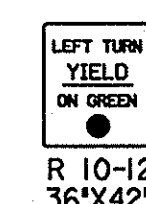
EXISTING SIGNS

12

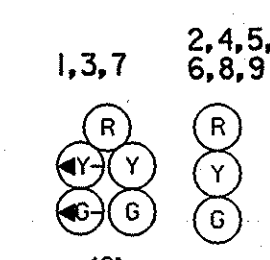


EXISTING SIGNS  
TO BE REMOVED

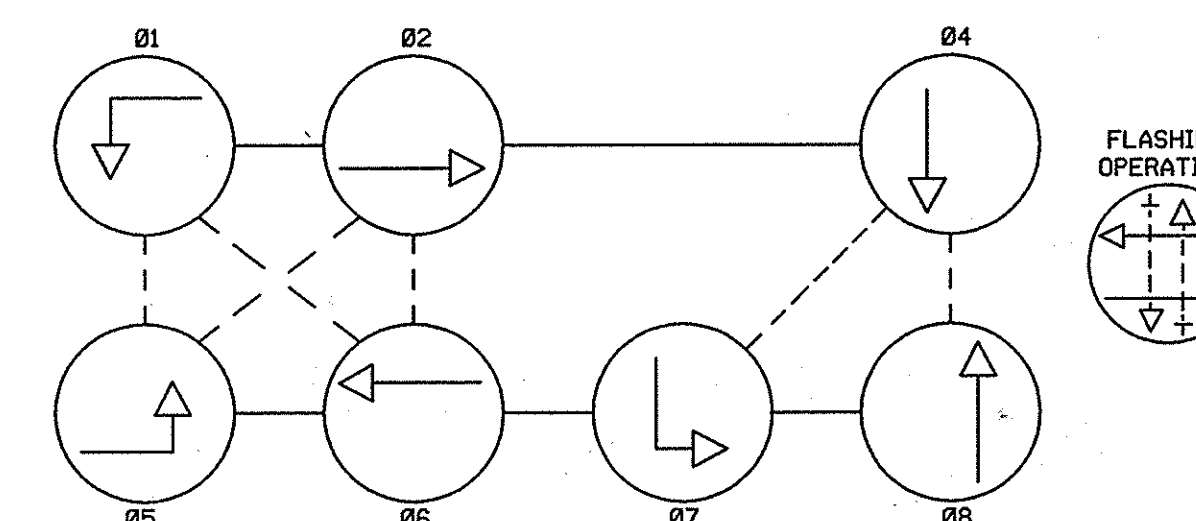
10.11.13



### EXISTING SIGNALS



## NEMA PHASING



NEMA NOTES

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROPOSED CAMERAS

■ - VIDEO DETECTION CAMERA (a-d)

## CONSTRUCTION DETAILS

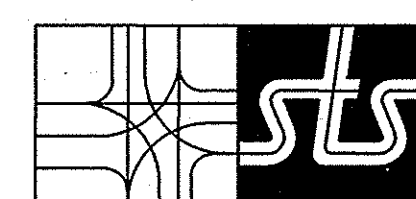
- A. Install video detector camera onto existing mast arm as shown.
- B. Install 24" white, heat applied permanent preformed thermoplastic pavement marking. (stopline)
- C. Remove 50' of existing double yellow centerline pavement marking.
- D. Remove existing stopline.
- E. Remove 50' of existing white lane line pavement marking.
- F. Disconnect and abandon existing loops
- G. Use existing handhole.
- H. Use existing conduit.
- J. Use existing cabinet. Video interface and 4-channel detector rack with power supply shall be installed into existing base-mounted cabinet and controller by SHA Forces. Loop detector amplifiers shall be removed by SHA Forces.
- K. Use existing handhole. Disconnect and abandon existing loops.
- L. Proposed video detection area.
- M. Existing underground electrical service to be maintained by SMECO.
- N. Remove existing sign

### GEOMETRIC LEGEND

PROPOSED \_\_\_\_\_  
EXISTING \_\_\_\_\_

### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	— A — A —
ELECTRIC	— E — E —
TELEPHONE	— T — T —
GAS	— G — G —
SEWER	— S — S —
WATER	— W — W —
CABLE TV	— TV — TV —



**STREET TRAFFIC STUDIES, LTD.**  
400 Crain Hwy., NW.  
Glen Burnie, MD 21061  
Ph (410) 590-5500  
Fax (410) 590-6637

## APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

## REVISIONS

REVISIONS		10/24
(B)	Install video detection & reloc MD 765 S/B stopbar ATT246185	
JWA	<i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i>	<i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i> <i>OK</i>
A	AS-BUILT AND ADDING ENR P/L TO WB MD 497 CNA# AW2765195	9/9

## TRAFFIC SIGNAL PLAN

9	SCALE 1" = 20' DATE _____ CONTRACT NO. _____	
4 91	DESIGNED BY _____ COUNTY CALVERT DRAWN BY W. MALCOM _____ LOGMILE 04049700.25 CHECKED BY D. DODA _____ TMS NO. 1077 F.A.P. NO. _____ TMD NO. _____	
	TS NO. 3541B	DRAWING NO. 1 OF 1
		SHEET NO. OF

PLOTTED: TUESDAY, DECEMBER 05, 2006 AT 2:44:57 PM  
FILE: 5236.DGN